

AMENDMENTS TO THE CLAIMS

In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

1-45. (Cancelled)

46. (Currently amended) A ceramic coated fiber, comprising:

(a) a fiber, and

(b) ceramic, coated on the fiber,

wherein the ceramic has a BET surface area of at least 200 m²/g, and

the ceramic comprises crystalline ceramic, and

the ceramic comprises at least one member selected from the group consisting of TiON and TiOS.

47. (Currently amended) The ceramic coated fiber of claim 46, wherein the ceramic comprises ~~TiO₂ and/or~~ TiON having an anatase structure.

48. (Cancelled)

49. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of 200 m²/g to 300 m²/g.

50. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic comprises 10 to 90% by weight of the ceramic coated fiber.

51. (Previously presented) The ceramic coated fiber of claim 46, further comprising silver and/or palladium.

52. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of 200 m²/g to 2000 m²/g.

53. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of $200 \text{ m}^2/\text{g}$ to $500 \text{ m}^2/\text{g}$.

54. (Previously presented) The ceramic coated fiber of claim 46, wherein the ceramic has a BET surface area of at least $500 \text{ m}^2/\text{g}$.